

ABSTRACT

A reed valve (41) for opening and closing a discharge port (29) of a compressor mechanism (20) is provided with a protruding part (41b) which is formed at the distal end thereof to come in and out of the discharge port (29). The shape of the discharge port (29) and the shape of the reed valve (41) are determined such that flow passage areas S_0 to S_2 at different parts of the discharge port (29) satisfy $S_2 \geq S_1 \geq S_0$ when the reed valve (41) is lifted to the maximum level. Accordingly, a refrigerant is discharged through the discharge port (29) without reducing the amount of flow of the refrigerant, thereby reducing loss of pressure.